

APPLICANT FACSIMILE OF FORM PTO-1449

U.S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

PPI-012CN

SERIAL NO.

69/172116

REV 7-80

LIST OF PUBLICATIONS CITED BY APPLICANT  
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APPLICANT

Benjamin, Howard et al.

FILING DATE

January 26, 2001

GROUP

TECH CENTER 1600/2900

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE  | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|-------|----------------|-------|----------|-------------------------------|
| PP                  | AA | 5,096,815       | 03/92 | Ladner et al.  | 435   | 69.1     |                               |
|                     | AB | 5,194,392       | 03/93 | Geysen         | 436   | 518      |                               |
|                     | AC | 5,198,346       | 03/93 | Ladner et al.  | 435   | 69.1     |                               |
|                     | AD | 5,223,409       | 06/93 | Ladner et al.  | 435   | 69.7     |                               |
|                     | AE | 5,266,684       | 11/93 | Rutter et al.  | 530   | 334      |                               |
|                     | AF | 5,270,170       | 12/93 | Schatz et al.  | 435   | 7.37     |                               |
|                     | AG | 5,331,573       | 07/94 | Balaji et al.  | 364   | 500      |                               |
|                     | AH | 5,366,862       | 11/94 | Venton et al.  | 435   | 7.1      |                               |
|                     | AI | 5,382,513       | 01/95 | Lam et al.     | 435   | 7.1      |                               |
|                     | AJ | 5,403,484       | 04/95 | Ladner et al.  | 435   | 235.1    |                               |
|                     | AK | 5,432,018       | 07/95 | Dower et al.   | 435   | 5        |                               |
|                     | AL | 5,470,753       | 11/95 | Sepetov et al. | 436   | 89       |                               |

## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT NUMBER | DATE  | COUNTRY   | CLASS | SUBCLASS | TRANSLATION |    |
|----|----|-----------------|-------|-----------|-------|----------|-------------|----|
|    |    |                 |       |           |       |          | YES         | NO |
| PP | AM | WO 90/02809     | 03/90 | PCT: WIPO |       |          |             |    |
|    | AN | WO 91/18980     | 12/91 | PCT       |       |          |             |    |
|    | AO | WO 92/13955     | 08/92 | PCT       |       |          |             |    |
|    | AP | WO 94/02502     | 02/94 | PCT       |       |          |             |    |
|    | AQ | WO 94/02515     | 02/94 | PCT       |       |          |             |    |
|    | AR | WO 94/26775     | 11/94 | PCT       |       |          |             |    |
|    | AS | 0 639 584       | 02/95 | EPO       |       |          |             |    |
|    | AT | WO 95/27072     | 10/95 | PCT       |       |          |             |    |
|    | AU | WO 96/41180     | 12/96 | PCT       |       |          |             |    |

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| PP  | AV | Blond-Elguindi, S. et al., "Affinity Panning of a Library of Peptides Displayed on Bacteriophages Reveals the Binding Specificity of BiP", <i>Cell</i> , Vol. 75, pp. 717-728 (1993); |  |
| Examiner  |    | Date Considered   |  |
| P. Ponnalun   |    | 3/18/03   |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |  |

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## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |
|----|---|
| BA | Brenner, S. et al., "Encoded Combinatorial Chemistry", <i>PNAS</i> , Vol. 89, pp. 5381-5383 (1992);   |
| BB | Burgess, K. et al., "Combinatorial Technologies Involving Reiterative Division/Coupling/Recombination: Statistical Considerations", <i>Journal of Medicinal Chemistry</i> , Vol. 37 (19), pp. 2985-2985 (1994);   |
| BC | Cwirla, S. et al., "Peptides on phage: A Vast Library of Peptides for Identifying Ligands", <i>PNAS</i> , Vol. 87 (16), pp. 6378-6382 (1990);   |
| BD | Devlin, J. et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules", <i>Science</i> , Vol. 249, pp. 404-406 (1990);   |
| BE | Erb, E. et al., "Recursive Deconvolution of Combinatorial Chemical Libraries", <i>PNAS</i> , Vol. 91, pp. 11422-11426 (1994);   |
| BF | Freier, S. et al., "Deconvolution of Combinatorial Libraries for Drug Discovery: A Model System", <i>Journal of Medicinal Chemistry</i> , Vol. 38 (2), pp. 344-352 (1995);  |
| BG | Gallo, M. et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries", <i>Journal of Medicinal Chemistry</i> , Vol. 37 (9), pp. 1233-1251 (1994);   |
| BH | Geysen, H. et al., "The Delineation of Peptides able to Mimic Assembled Epitopes", <i>Ciba Found Symp.</i> , Vol. 119, pp. 130-149 (1986);  |
| BI | Gordon, E. et al., "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions", <i>Journal of Medicinal Chemistry</i> , Vol. 37 (10), pp. 1385-1401 (1994);           |
| BJ | Grodberg, J. et al., "Alanine scanning Mutagenesis of Human Erythropoietin Identifies Four Amino Acids Which are Critical for Biological Activity", <i>European Journal of Biochemistry</i> , Vol. 218, pp. 597-601 (1993);                                       |
| BK | International Search Report corresponding to PCT application number PCT/US96/20561, issued 4/17/97;   |
| BL | Lowman, H. et al., "Selecting High-Affinity Binding Proteins by Monovalent Phage Display", <i>Biochemistry</i> , Vol. 30, pp. 10832-10838 (1991);   |
| BM | Marks, J. et al., "Molecular Evolution of Proteins on Filamentous Phage", <i>The Journal of Biological Chemistry</i> , Vol. 267 (23), pp. 16007-16010 (1992);   |
| BN | Nagashima, M. et al., "Alanine-scanning Mutagenesis of the Epidermal Growth Factor-like Domains of Human Thrombomodulin Identifies Critical Residues for Its Cofactor Activity", <i>The Journal of Biological Chemistry</i> , Vol. 268 (4), pp. 2888-2892 (1993); |
| BO | Ohlmeyer, M. et al., "Complex Synthetic Chemical Libraries Indexed with Molecular Tags", <i>PNAS</i> , Vol. 90, pp. 10922-10926 (1993);   |
| BP | Ostresh, J. et al., "Libraries from Libraries: Chemical Transformation of Combinatorial Libraries to Extend the Range and Repertoire of Chemical Diversity", <i>PNAS</i> , Vol. 91, pp. 11138-11142 (1994);   |
| BQ | Parmley, S. et al., "Antibody-Selectable Filamentous fd Phage Vectors: Affinity Purification of Target Genes", <i>Gene</i> , Vol. 73, pp. 305-318 (1988);   |
| BR | Roberts, B. et al., "Directed Evolution of a Protein: Selection of Potent Neutrophil Elastase Inhibitors displayed on M13 Fusion Phage", <i>PNAS</i> , Vol. 89, pp. 2429-2433 (1992);   |

Examiner

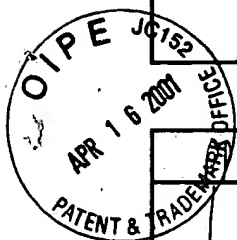
P Ponnaluri

Date Considered

3/18/03

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|---------------------|----|-----------------|-------|-------|-------|----------|-------------------------------|
| PP                  | CA | 5,565,325       | 10/96 | Blake | 435   | 7.1      |                               |

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|--|--|-----------------|------|---------|-------|----------|-----------------------|
|  |  |                 |      |         |       |          |                       |

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

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|--|----|---|
| PP   | CB | Bevan et al., "Identifying small-molecule lead compounds: screening approach to drug discovery." <i>Trends in Biotechnology</i> , Vol. 13, No.3, pages:115-121.   |
|  | CC | Hirschmann et al., "The first design and synthesis of steroidal peptidomimetic. The potential value of peptidomimetics in elucidating the bioactive conformations of peptide ligands." <i>J. Am. Chem. Soc.</i> , Vol. 114, No. 24, pages: 115-121. |
|  | CD | Scott, J. et al., "Searching for Peptide Ligands with an Epitope Library", <i>Science</i> , Vol. 249, pp. 386-390 (1990);   |
|  | CE | Sepetov, N. et al., "Library of Libraries: Approach to Synthetic Combinatorial Library Design and Screening of 'pharmacophore' Motifs", <i>PNAS</i> , Vol. 92, pp. 5426-5430 (1995);  |
|  | CF | Smith, G., "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on the Virion Surface", <i>Science</i> , Vol. 228, pp. 1315-1317 (1985);  |
|  | CG | Stankova, M. et al., "Application of One-Bead One-Structure Approach to Identification of Nonpeptidic Ligands", <i>Drug Development Research</i> , Vol. 33, pp. 146-156 (1994).   |
| Examiner <i>P. Ponnalun</i>  |    | Date Considered <i>3/18/03</i>  |
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